

# CERTIFICATE OF ANALYSIS

## ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 82420  
**Order Name:** CBD Tincture  
 UNWIND + Orange -1500mg,  
 B21-011  
**Batch#:** NT700-0010  
**Received:** 08/05/2021  
**Completed:** 08/08/2021

**NATURE'S THERAPEIA**  
 200 HIDDEN VALLEY ROAD,  
 McMURRAY PA , 15317  
 (180) 044-6640  
 info@naturestherapeia.com



### Sample



### Cannabinoid Summary

<b>0.245%</b> D9-THC	<b>5.633%</b> Total CBD
<b>1,824.2 mg</b> Cannabinoids per unit	<b>1,596.9 mg</b> CBD per unit

1 unit = 30 ml per unit x density  
 (0.945) x Cannabinoid  
 concentration

### Batch Info

**ID:**  
**Date:**  
**Exp. Date:**  
**Size:**  
**Total Qty Produced:**

### Report Download Info

**URL:** <https://www.verifycbd.com/report/71d0z141f4>

### Testing Summary

<b>Not Tested</b> Cannabinoids	<b>Pass</b> Pesticide	<b>Not Tested</b> Terpenes
<b>Pass</b> Microbial	<b>Not Tested</b> Residual Solvents	<b>Not Tested</b> Mycotoxin
<b>Pass</b> Heavy Metals	<b>Not Tested</b> Water Activity	<b>Not Tested</b> Filtth and Foreign

D9-THC 0.245%
THCA
<b>CBD 5.633%</b>
CBDA
CBDV 0.053%
CBC 0.226%
CBN
CBG 0.044%
CBGA
D8-THC
THCV
CBDVA
D8-THCV
EXO-THC 0.022%
CBL
D10THC
D9-THCP
CBT 0.211%

### Instruments

GCMS-MS - Shimadzu GCMS-TQ8040  
 LCMS-MS - Shimadzu LCMS-8060  
 Headspace GCMS - Shimadzu GCMS QP2020 with HS20  
 SHIMADZU INTEGRATED UPLC-PDA  
 ICP-MS - Shimadzu ICPMS-2030  
 PCR - Agilent Analmx  
 HD-3A Water Activity Meter  
 Anscope Simul-Focal Trinocular Stereo Zoom Microscope

### SOPS

Cannabinoids Test - GSL SOP 400  
 Terpenes Test - GSL SOP 404  
 Residual Solvents - GSL SOP 405  
 Heavy Metals Analysis- GSL SOP 403  
 Mycotoxin Analysis- GSL SOP 406  
 Microbial Analysis - GSL SOP 406  
 Water Activity - GSL SOP 407  
 Filtth and Foreign Materials Analysis - GSL SOP 409

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### Sample



**0.245%**  
D9-THC

**5.633%**  
Total CBD

**1,824.2 mg**  
Cannabinoids per unit

**1,596.9 mg**  
CBD per unit

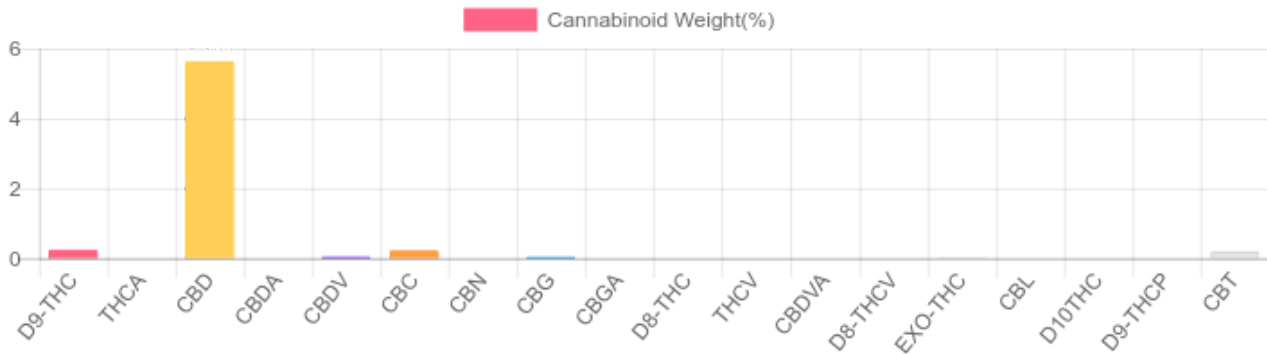
1 unit = 30 ml per unit x density (0.945) x Cannabinoid concentration

### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA  
 GSL SOP 400

UPLOADED: 08/06/2021 10:37:43

Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.245%	2.454	69.571
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	5.633%	56.328	1,596.899
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	0.053%	0.529	14.997
CBC	10 PPM	0.226%	2.260	64.071
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.044%	0.441	12.502
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
CBDVA	20 PPM	N/D	N/D	N/D
D8-THCV	20 PPM	N/D	N/D	N/D
EXO-THC	20 PPM	0.022%	0.221	6.265
CBL	20 PPM	N/D	N/D	N/D
D10THC	20 PPM	N/D	N/D	N/D
D9-THCP	20 PPM	N/D	N/D	N/D
CBT	20 PPM	0.211%	2.112	59.875
TOTAL D9-THC		0.245%	0.245%	69.6
TOTAL CBD*		5.633%	56.328	1,596.9
TOTAL CANNABINOIDS		6.434%	64.345	1,824.2



Reporting Limit 10 ppm  
 \*Total CBD = CBD + CBDA x 0.877  
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Ben Witten, MS, MT., Lab Director

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### PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 08/05/2021 15:17:56

UPLOADED: 08/06/2021 11:18:09

LCMS-MS - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)	Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.001	IMIDACLOPRID	5.000	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.001	0.001	KRESOXIM-METHYL	0.100	N/D	0.010	0.005
ACEQUINOCYL	0.100	N/D	0.001	0.001	MALATHION	0.500	0.007	0.005	0.001
ACETAMIPRID	0.100	N/D	0.005	0.001	METALAXYL	2.000	N/D	0.001	0.001
ALDICARB	0.100	N/D	0.005	0.001	METHIOCARB	0.100	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.001	0.001	METHOMYL	1.000	N/D	0.001	0.001
BIFENAZATE	0.100	N/D	0.005	0.001	MEVINPHOS	0.100	N/D	0.001	0.001
BIFENTHRIN	3.000	N/D	0.005	0.001	MYCLOBUTANIL	0.100	N/D	0.005	0.001
BOSCALID	0.100	N/D	0.005	0.001	NALED	0.100	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.003	0.001	OXAMYL	0.500	N/D	0.001	0.001
CARBOFURAN	0.100	N/D	0.001	0.001	PACLOBUTRAZOL	0.100	N/D	0.005	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005	PERMETHRINS	0.500	N/D	0.005	0.001
CHLORPYRIFOS	0.100	N/D	0.001	0.001	PHOSMET	0.100	N/D	0.005	0.001
CLOFENTEZINE	0.100	N/D	0.001	0.001	PIPERONYL	3.000	N/D	0.001	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001	BUTOXIDE				
DIAZINON	0.100	N/D	0.001	0.001	PRALLETHRIN	0.100	N/D	0.005	0.005
DICHLORVOS	0.100	N/D	0.005	0.001	PROPICONAZOLE	0.100	N/D	0.010	0.005
DIMETHOATE	0.100	N/D	0.001	0.001	PROPOXUR	0.100	N/D	0.001	0.001
DIMETHOMORPH	2.000	N/D	0.005	0.001	PYRETHRINS				
ETHOPROPHOS	0.100	N/D	0.001	0.001	(PYRETHRIN I)	0.500	N/D	0.005	0.005
ETOFENPROX	0.100	N/D	0.001	0.001	PYRIDABEN	0.100	N/D	0.005	0.001
ETOXAZOLE	0.100	N/D	0.010	0.005	SPINETORAM	0.100	N/D	0.001	0.001
FENHEXAMID	0.100	N/D	0.005	0.001	SPINOSAD	0.100	N/D	0.001	0.001
FENOXYCARB	0.100	N/D	0.005	0.001	SPIROMESIFEN	0.100	N/D	0.005	0.001
FENPYROXIMATE	0.100	N/D	0.001	0.001	SPIROTETRAMAT	0.100	N/D	0.001	0.001
FIPRONIL	0.100	N/D	0.003	0.001	SPIROXAMINE	0.100	N/D	0.001	0.001
FLONICAMID	0.100	N/D	0.025	0.010	TEBUCONAZOLE	0.100	N/D	0.005	0.001
FLUDIOXONIL	0.100	N/D	0.003	0.001	THIACLOPRID	0.100	N/D	0.001	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.001	THIAMETHOXAM	5.000	N/D	0.001	0.001
IMAZALIL	0.100	0.099	0.005	0.001	TRIFLOXYSTROBIN	0.100	N/D	0.001	0.001

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

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### Microbial Analysis:

Microbial Analysis GSL SOP 406

PCR - Agilent AriaMX

Uploaded: 08/06/2021 18:13:00

### MICROBIAL ANALYSIS:

PCR - Agilent AriaMX

Test	SOP	Test Method	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
SALMONELLA*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
STEC E. COLI*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS FUMIGATUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS TERREUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS FLAVUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS NIGER***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
TOTAL YEAST AND MOLD	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	1,000 CFU/G	NOT DETECTED	PASS

† USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

\* STEC and Salmonella run as Multiplex

\*\* CFU/g Calculation based on MIP/Extract matrix

\*\*\* Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA

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### Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030  
GSL SOP 403

Uploaded: 08/08/2021 09:17:52

Metal	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	200	B/LOQ
CADMIUM (CD)	200	B/LOQ
MERCURY (HG)	100	B/LOQ
LEAD (PB)	500	B/LOQ

Lower Limit of Quantitation (LOQ) is 75 ppb

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